

10/086305

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Patent Number	6,795,021	
	Issue Date	September 21, 2004	
	First Named Inventor	Eugene C. Ngai	
	Art Unit	2821	
	Examiner Name	Michael C. Wimer	
Total Number of Pages in This Submission	5	Attorney Docket Number	MIT-105PUS

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Appeal Notice, Brief, Reply Brief
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Return Postcard;
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	PTO/SB/44 Certificate of Correction (2 copies)
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Daly, Crowley, Mofford & Durkee, LLP		
Signature			
Printed name	Kermit Robinson		
Date	Sept 23, 2005	Reg. No.	48,734

Certificate

SEP 29 2005

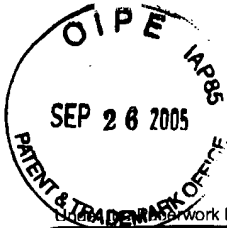
of Correction

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Kermit Robinson	Date	Sept 23, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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OCT 3 2005



Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**100**

### Complete if Known

Patent Number	6,795,021
Issue Date	September 21, 2004
First Named Inventor	Eugene C. Ngai
Examiner Name	Michael C. Wimer
Art Unit	2821
Attorney Docket No.	MIT-105PUS

### METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☐ Deposit Account Deposit Account Number: **50-0845** Deposit Account Name: **Daly, Crowley & Mofford, LLP**  
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  
☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 20 or HP = <b>0</b>	x <b>18</b>	= <b>0</b>				
HP = highest number of total claims paid for, if greater than 20						
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
- 3 or HP = <b>0</b>	x <b>84</b>	= <b>0</b>				
HP = highest number of independent claims paid for, if greater than 3						

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 100 = <b>0</b>	/ 50 = <b>0</b>	(round up to a whole number) x <b>0</b>	= <b>0</b>	

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Certificate of Correction Fee

<b>Fees Paid (\$)</b>
0
100

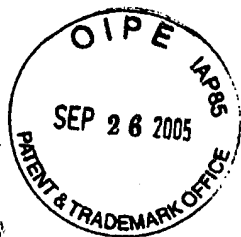
#### SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	48,734	Telephone	781.401.9988 ext. 24
Name (Print/Type)	Kermit Robinson	Date	Sept 23, 2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DALY, CROWLEY, MOFFORD & DURKEE, LLP

354A Turnpike Street - Suite 301A  
CANTON, MASSACHUSETTS 02021-2714

TELEPHONE: 781-401-9988

FACSIMILE: 781-401-9966

CHRISTOPHER S. DALY  
JUDITH C. CROWLEY  
DONALD F. MOFFORD  
PAUL D. DURKEE

KERMIT ROBINSON  
ANTHONY T. MOOSEY

OF COUNSEL  
MARIANNE M. DOWNING

September 23, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RE: United States Patent of Eugene C. Ngai et al.  
Patent No. 6,795,021  
Entitled: TUNABLE MULTI-BAND ANTENNA ARRAY  
Issued on: September 21, 2004  
Application No.: 10/086,305  
Our Ref. No.: MIT-105PUS

Dear Sirs:

Enclosed are two completed copies of Form PTO/SB/44. It is requested that a Certificate of Correction be issued to correct the listed mistakes in the above-identified patent.

Also enclosed is a check for \$100.00 to cover the cost of the Certificate of Correction in accordance with 37 C.F.R. §1.20(a). If there are any additional fees, please charge Deposit Account 50-0845.

Very truly yours,

Kermit Robinson  
kr@dc-m.com

KR/mhw  
Enclosures  
16929

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(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,795,021  
DATED : Sept. 21, 2004  
INVENTOR(S) : Ngai et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 32 delete "operated" and replace with --operate--.

Column 2, line 9 delete "decoupled" and replace with --decouple--.

Column 2, line 13 delete "form" and replace with --from--.

Column 2, line 46 delete "en" and replace with --an--.

Column 3, line 58 delete "range 0.1" and replace with --range of 0.1--.

Column 3, line 61 delete "angle a  $\emptyset$ " and replace with --angle  $\emptyset$ --.

Column 4, line 39 delete "provide" and replace with --provides--.

Column 4, line 60 delete "frequency the" and replace with --frequency, the--.

Column 5, line 65 delete "For example lower" and replace with --For example, lower--.

Column 7, line 21 "An" and replace with --A--.

Column 7, line 38 delete "terminals," and replace with --terminal,--.

Column 9, line 13 delete "wherein the wherein the four" and replace with --wherein the four--.

MAILING ADDRESS OF SENDER:

DALY, CROWLEY, MOFFORD & DURKEE, LLP  
354A Turnpike Street, Suite 301A  
Canton, MA 02021-2714

PATENT NO. 6,795,021

No. of additional copies

⇒ 1

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